

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,597,977 B2  
APPLICATION NO. : 10/735694  
DATED : October 6, 2009  
INVENTOR(S) : Shigetaka Hamada et al.

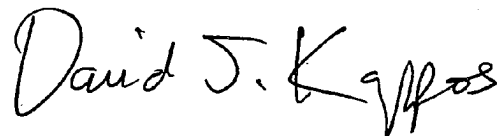
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
5	21	Change “pressure $P_{H_2}(C)$ ” to --pressure $P_{H_2}(c)$ --.
5	34	Change “ $P_{TOTAL}(C)$ ” to -- $P_{TOTAL}(c)$ --.
5	44	Change “ $P_{H_2}(C)$ ” to -- $P_{H_2}(c)$ --.
5	45	Change “ $P_{TOTAL}(C)$ ” to -- $P_{TOTAL}(c)$ --.
6	1	Change “ $P_{H_2}(C)$ ” to -- $P_{H_2}(c)$ --.
8	30	Change “ $P_{H_2}(C)$ ” to -- $P_{H_2}(c)$ --.
8	40	Change “ $P_{TOTAL}(C)$ ” to -- $P_{TOTAL}(c)$ --.

Signed and Sealed this

Eleventh Day of May, 2010



David J. Kappos  
*Director of the United States Patent and Trademark Office*